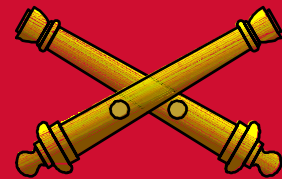


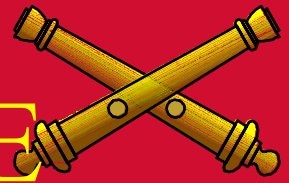
GUNNERY DEPARTMENT



BREAK

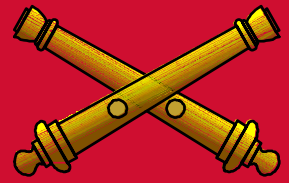


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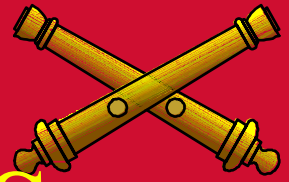
PROJECTILE EXPLOSIVE TRAIN

- DESIGNED TO CAUSE A PROJECTILE TO PERFORM ITS INTENDED FUNCTION UPON REACHING THE TARGET AREA



TYPES OF PROJECTILE EXPLOSIVE TRAINS

- BURSTING CHARGE
- BURSTING TUBE
- EXPELLING CHARGE



PROJECTILE FAMILIES

PROJECTILES THAT SHARE THE SAME BALLISTIC CHARACTERISTIC. THIS IS IMPORTANT IN MUZZLE VELOCITY AND REGISTRATIONS.



**HE FAMILY: HE, WP, HC SMOKE, ILLUM
APICM**



DPICM FAMILY: DPICM, M825, ADAM, RAAMS



BB DPICM FAMILY: BB DPICM (ER-DPICM)



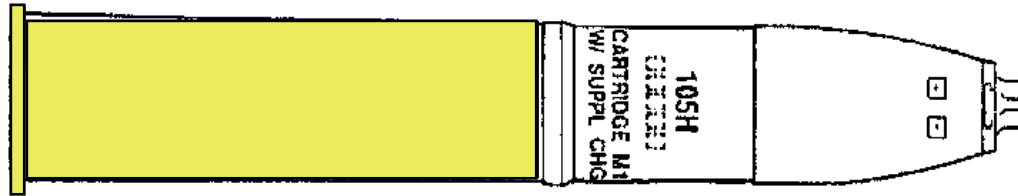
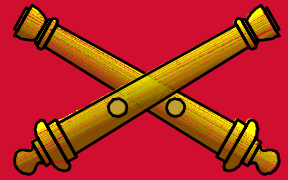
COPPERHEAD FAMILY: COPPERHEAD



RAP FAMILY: RAP

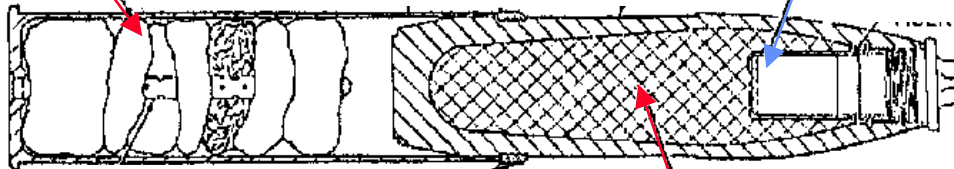
GUNNERY DEPARTMENT

105MM HE, M1



PROPELLING CHARGE

SUPPLEMENTARY
CHARGE



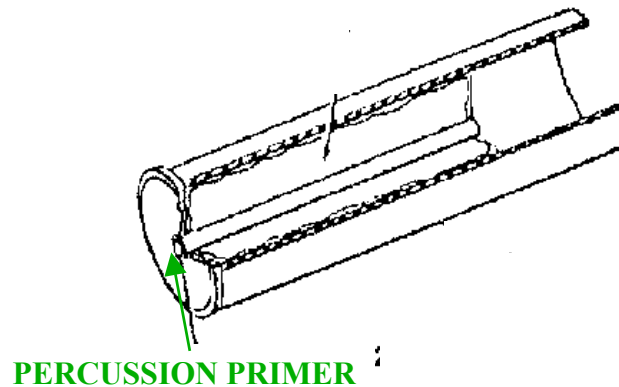
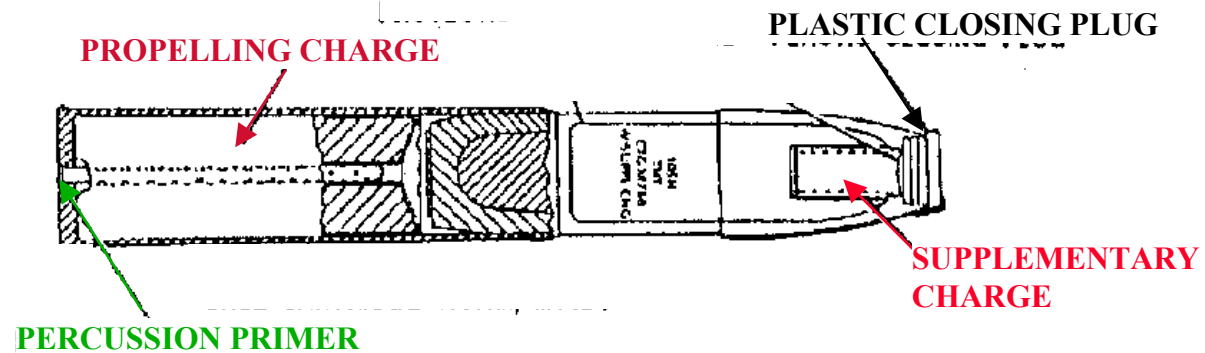
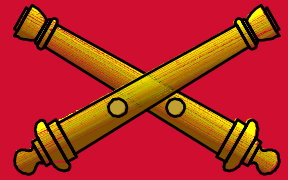
ROTATING
BAND

HE CHARGE

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GUNNERY DEPARTMENT

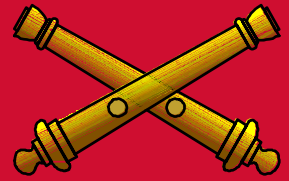
105MM HE, M760



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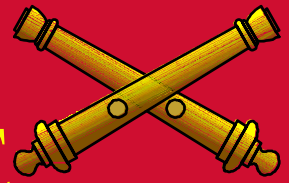
GUNNERY DEPARTMENT

155MM HE, M107

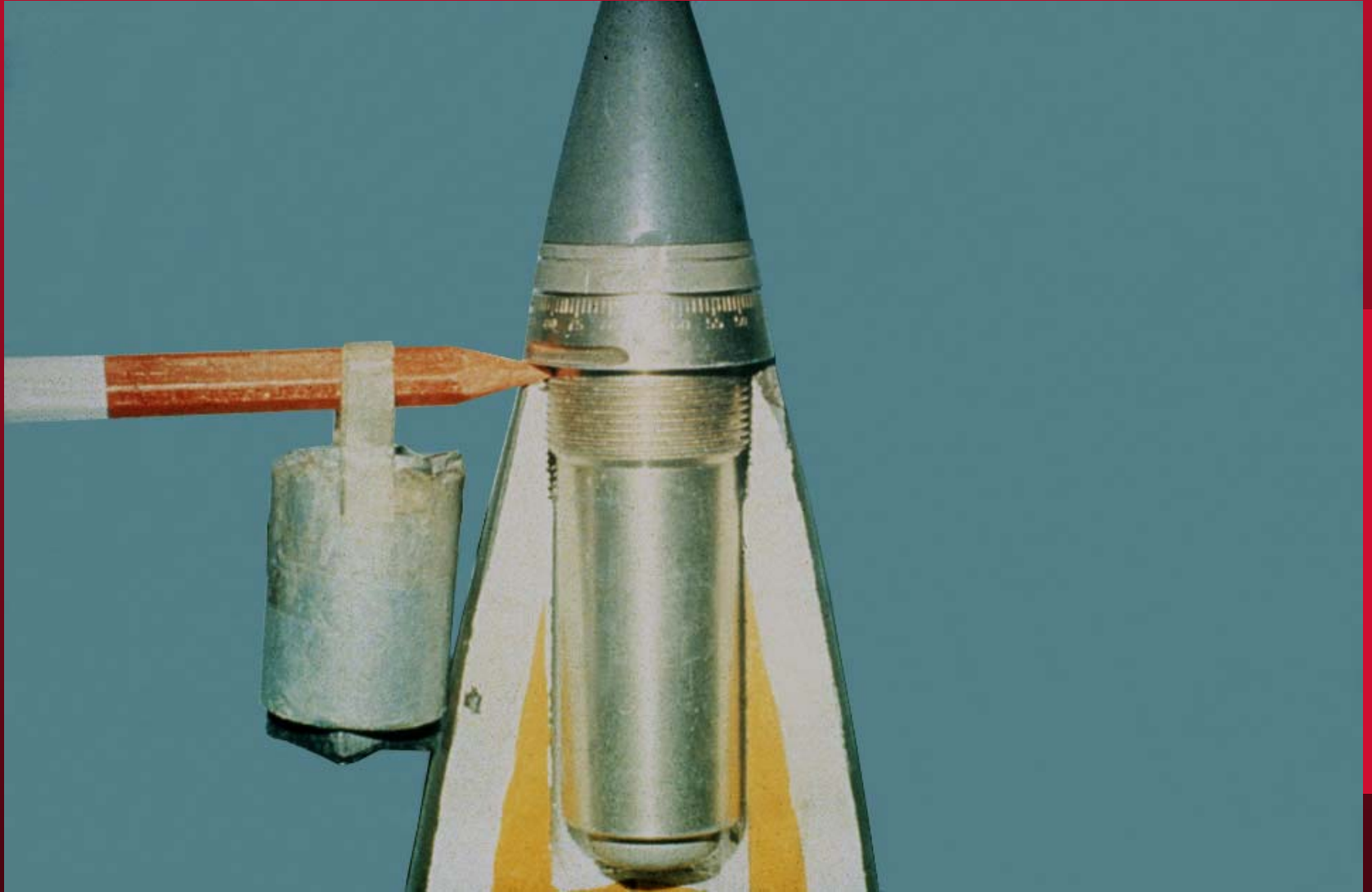


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GUNNERY DEPARTMENT



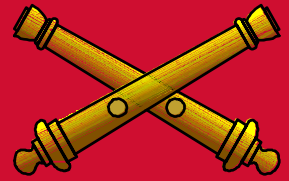
SUPPLEMENTARY CHARGE



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GUNNERY DEPARTMENT

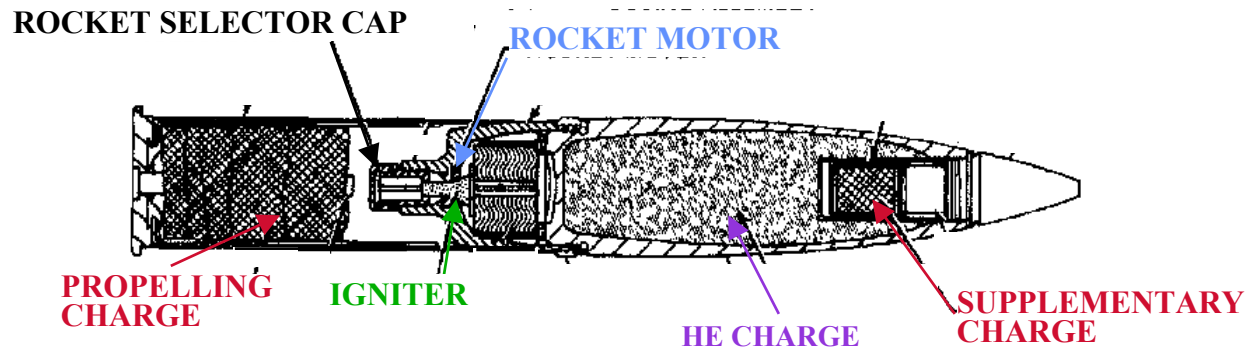
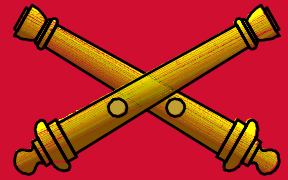
155MM HE, M795 (DPICM FAMILY)



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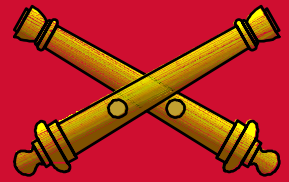
GUNNERY DEPARTMENT

105MM HE RAP, M548



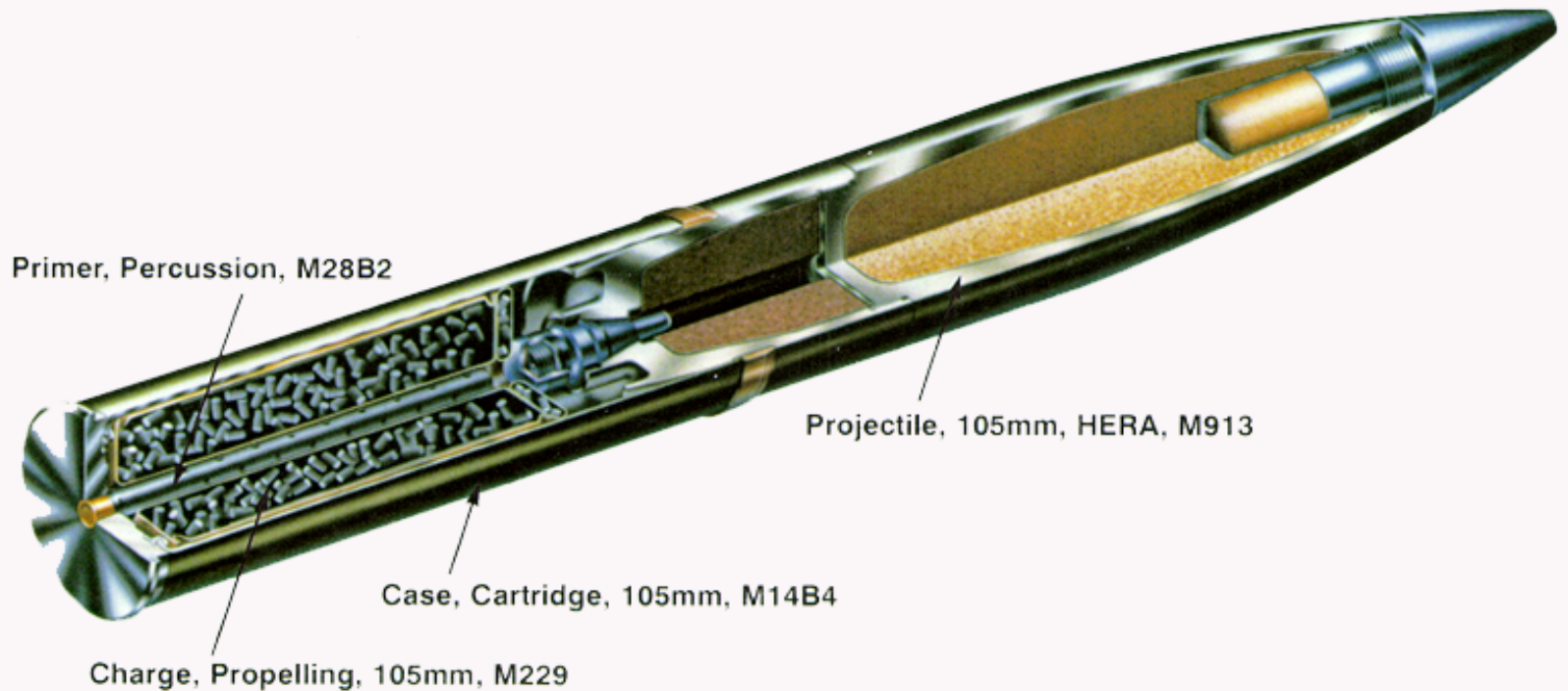
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GUNNERY DEPARTMENT

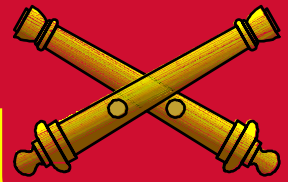


105MM HE RAP, M913

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GUNNERY DEPARTMENT



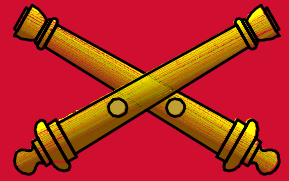
155MM HE RAP, M549A1



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GUNNERY DEPARTMENT

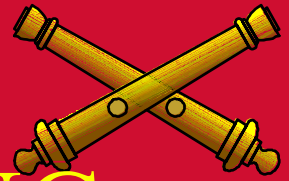
155MM CLGP, M712 “COPPERHEAD”



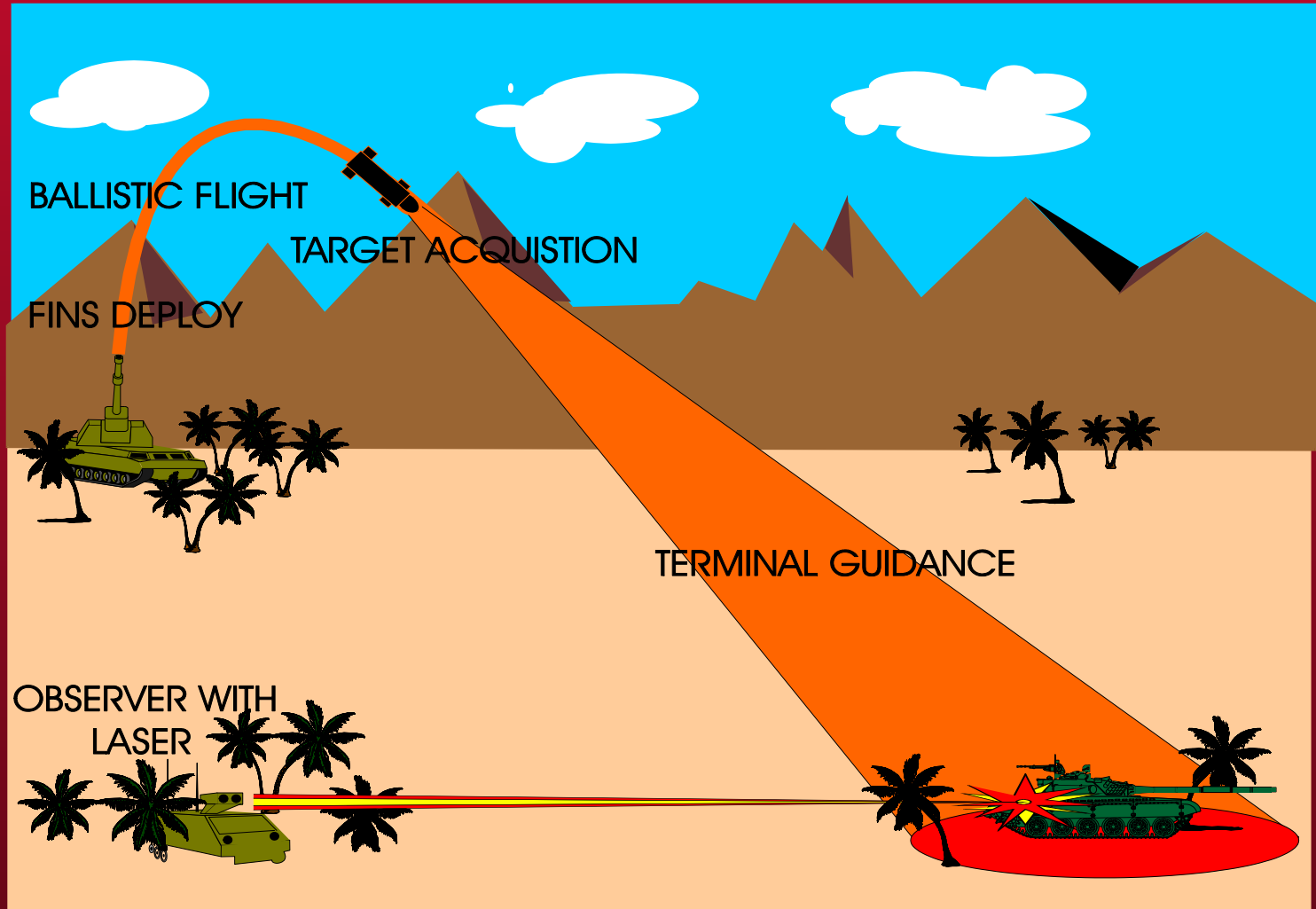
Projectile, HE, Guided, Cannon Launched, 155mm: M712 Copperhead

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GUNNERY DEPARTMENT



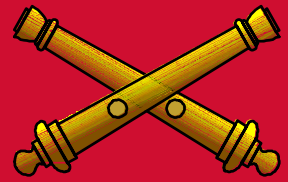
COPPERHEAD TARGETING



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GUNNERY DEPARTMENT

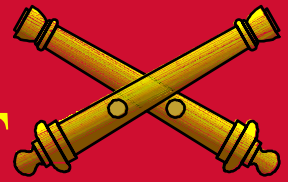
COPPERHEAD IN FLIGHT



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GUNNERY DEPARTMENT

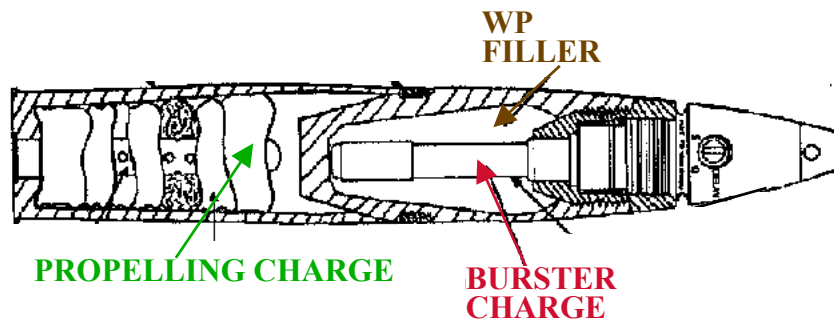
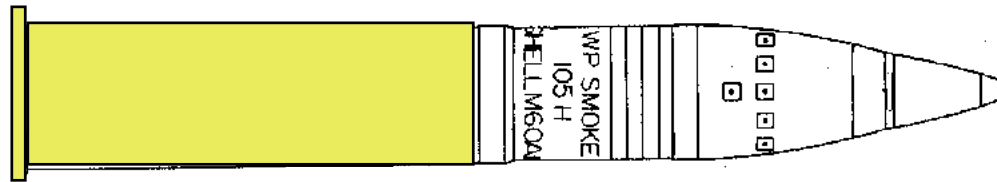
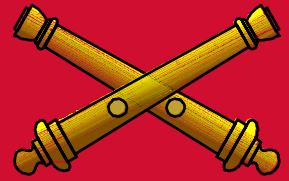
COPPERHEAD ON TARGET



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GUNNERY DEPARTMENT

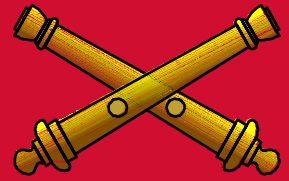
105MM WP, M60



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GUNNERY DEPARTMENT

155MM WP, M110

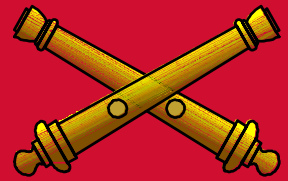


Projectile, WP, 155mm: M110, M110A1 and M110A2

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GUNNERY DEPARTMENT

EFFECTS OF WP

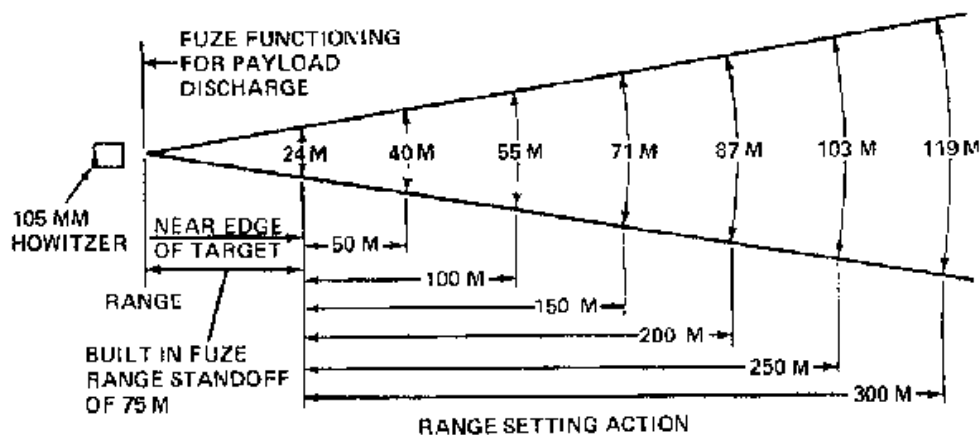
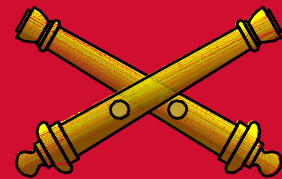


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GUNNERY DEPARTMENT

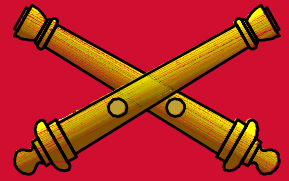
105MM APERS, M546

“BEEHIVE”



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GUNNERY DEPARTMENT



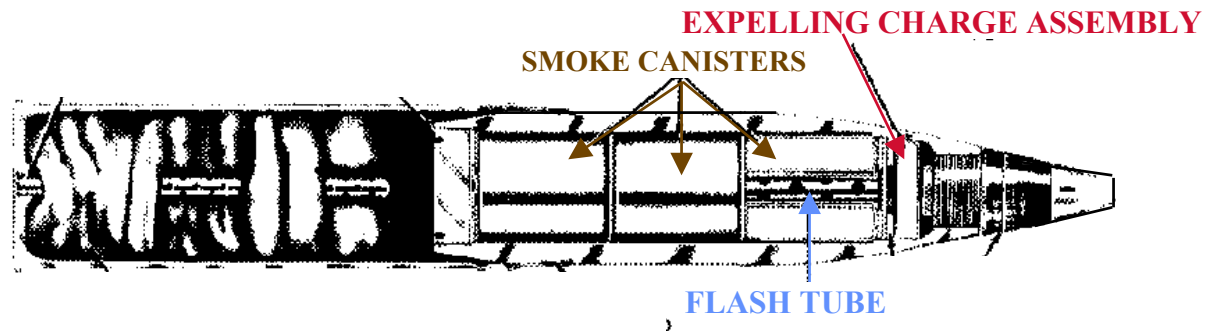
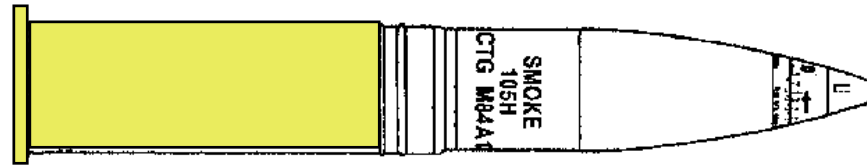
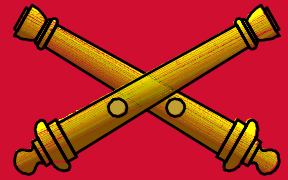
INSIDE THE BEEHIVE



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GUNNERY DEPARTMENT

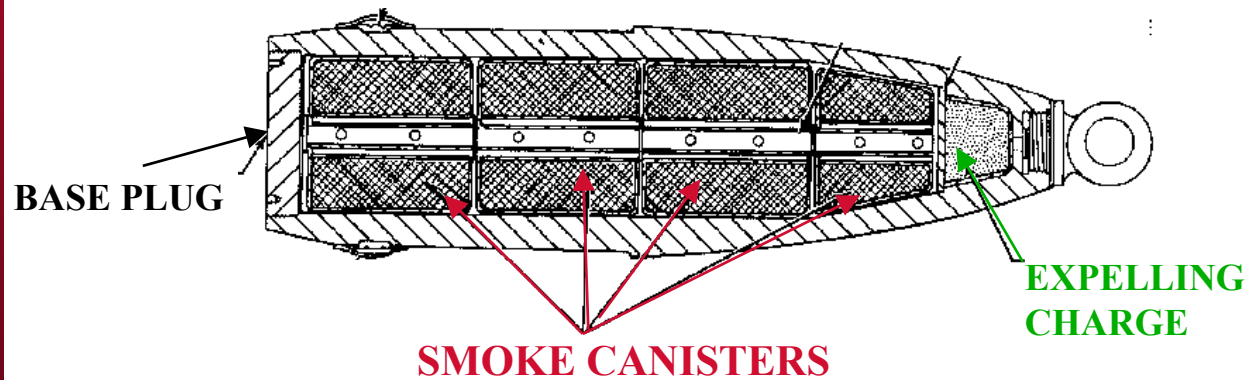
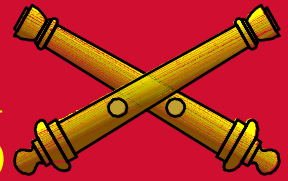
105MM SMOKE (HC), M84



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GUNNERY DEPARTMENT

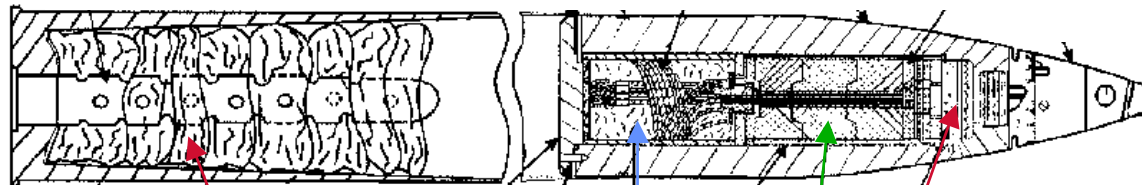
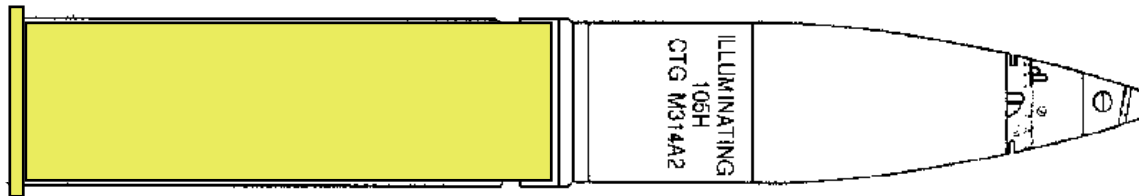
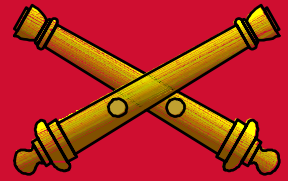
155MM SMOKE (HC), M116



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GUNNERY DEPARTMENT

105MM ILLUM, M314A3



PROPELLING CHARGE

PARACHUTE

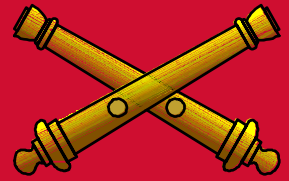
ILLUMINANT CANISTERS

EXPELLING CHARGE

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GUNNERY DEPARTMENT

155MM ILLUM, M485

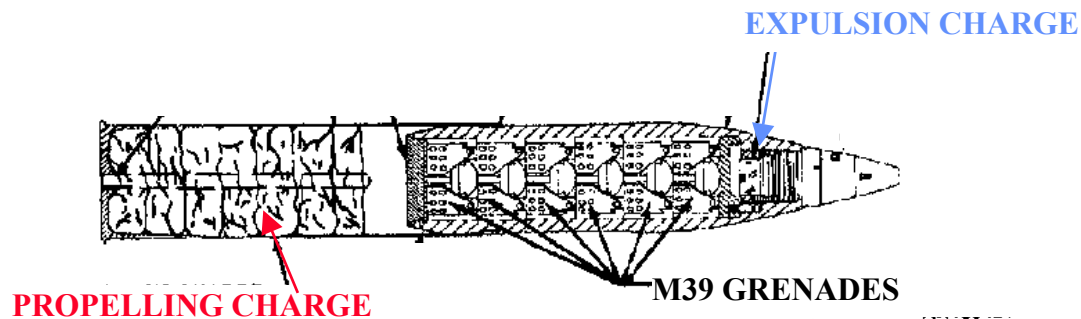
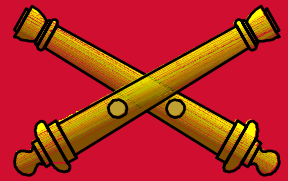


Projectile, Illuminating, 155mm: M485A2

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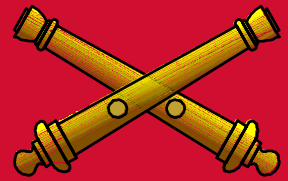
GUNNERY DEPARTMENT

105MM APICM, M444

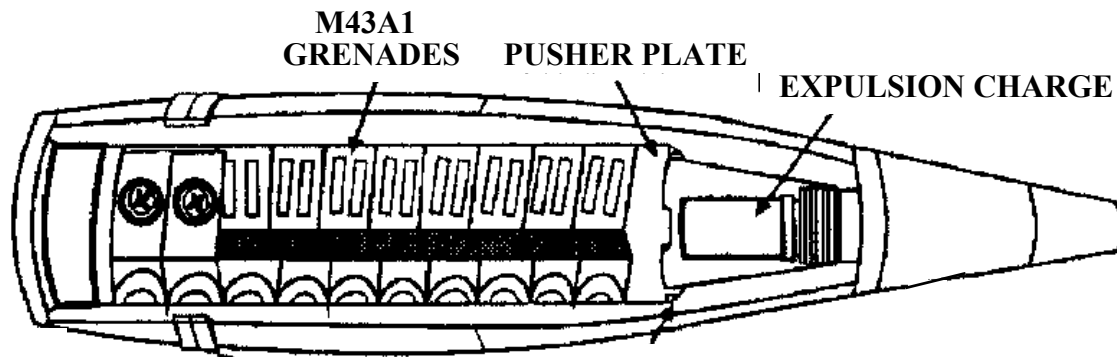
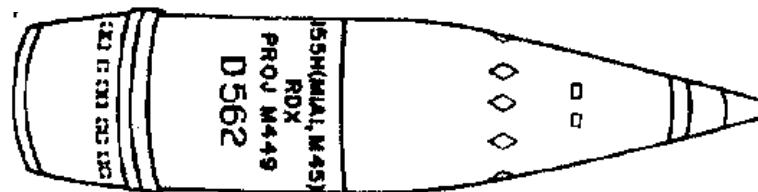


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GUNNERY DEPARTMENT

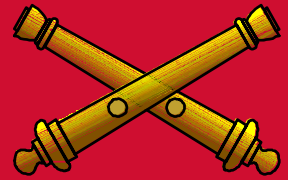


155MM APICM, M449A1

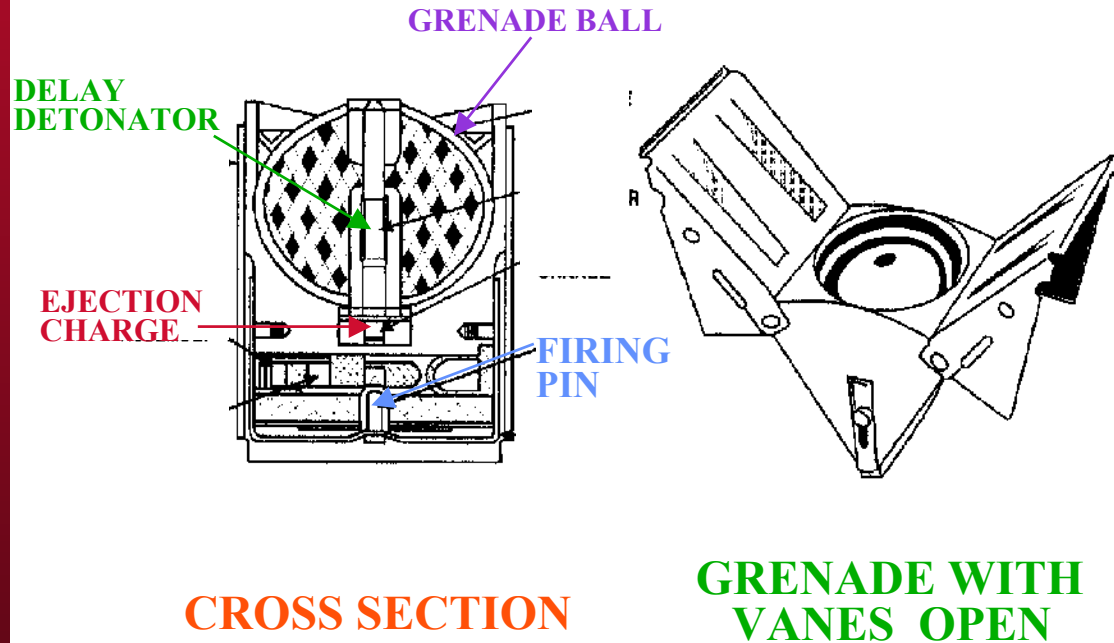


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GUNNERY DEPARTMENT

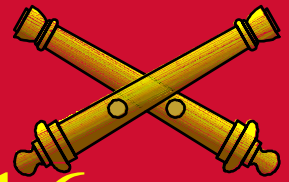


M43A1 SUBMUNITION



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GUNNERY DEPARTMENT

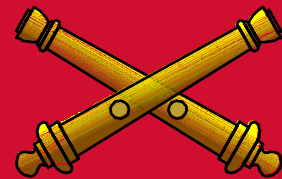


105MM DPICM, M915/M916

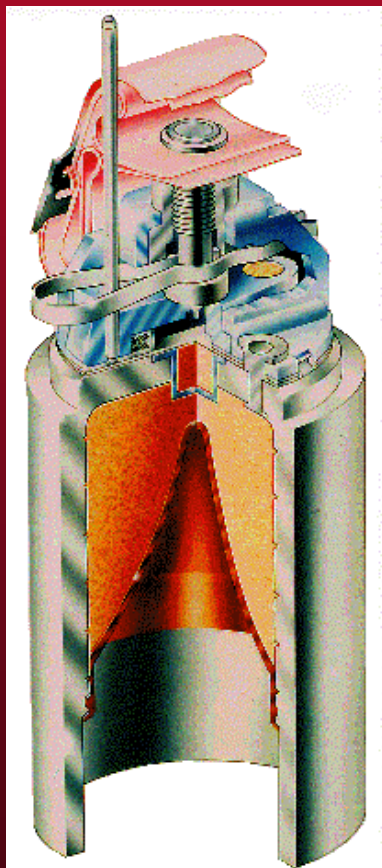


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GUNNERY DEPARTMENT

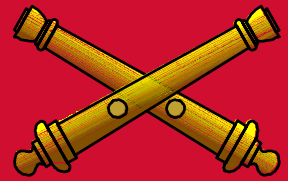


M80 SUBMUNITION



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GUNNERY DEPARTMENT



155MM DPICM, M483A1

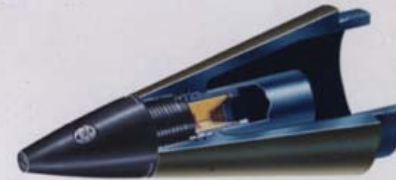
PROJECTILE, 155MM, HE, M483A1



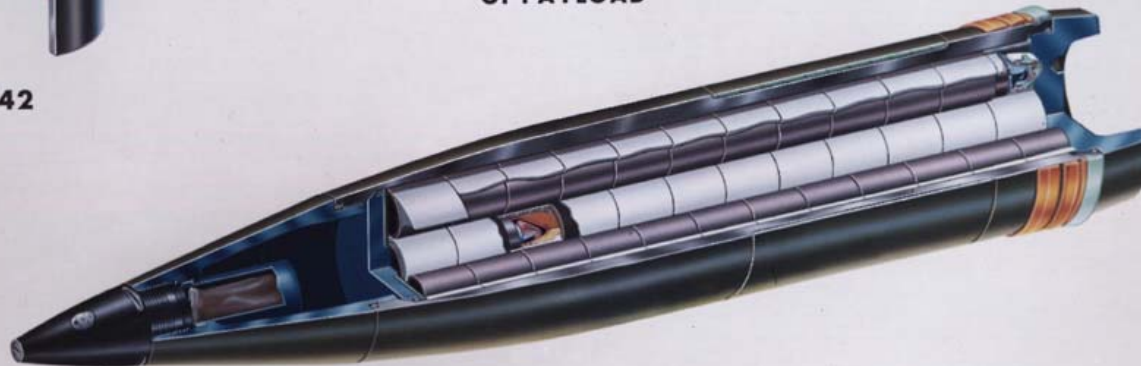
M42



**CROSS SECTION
OF PAYLOAD**



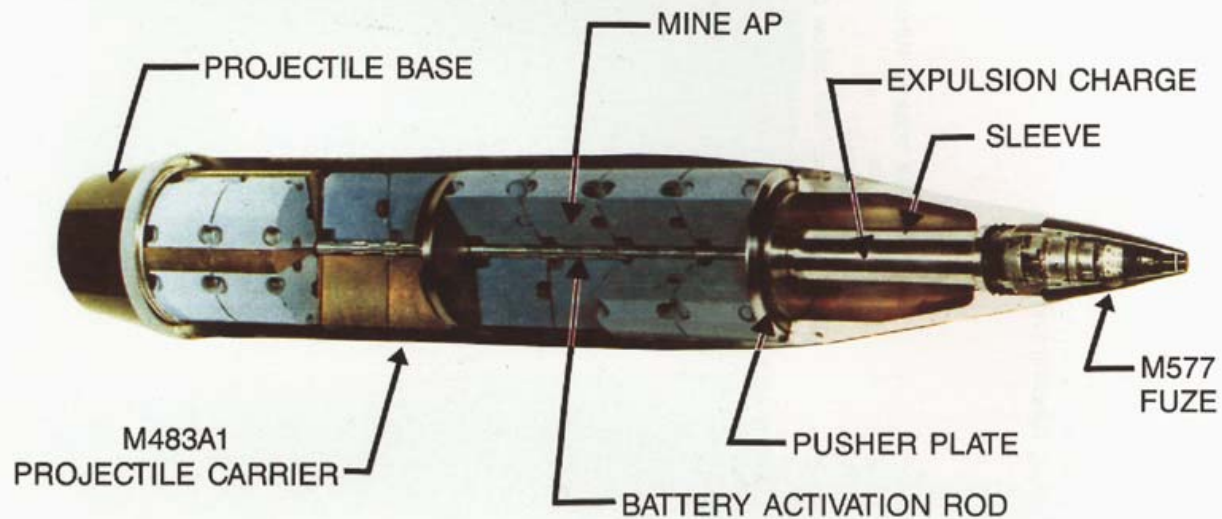
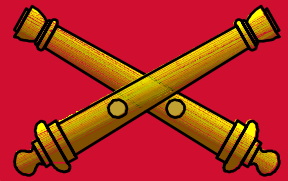
**OGIVE WITH SELF
REGISTRATION ASSEMBLY**



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GUNNERY DEPARTMENT

155MM ADAM, M692/M731

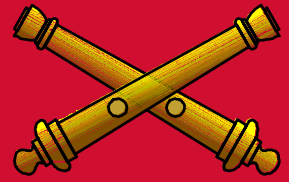


Projectile, HE, 155mm: M692/M731

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GUNNERY DEPARTMENT

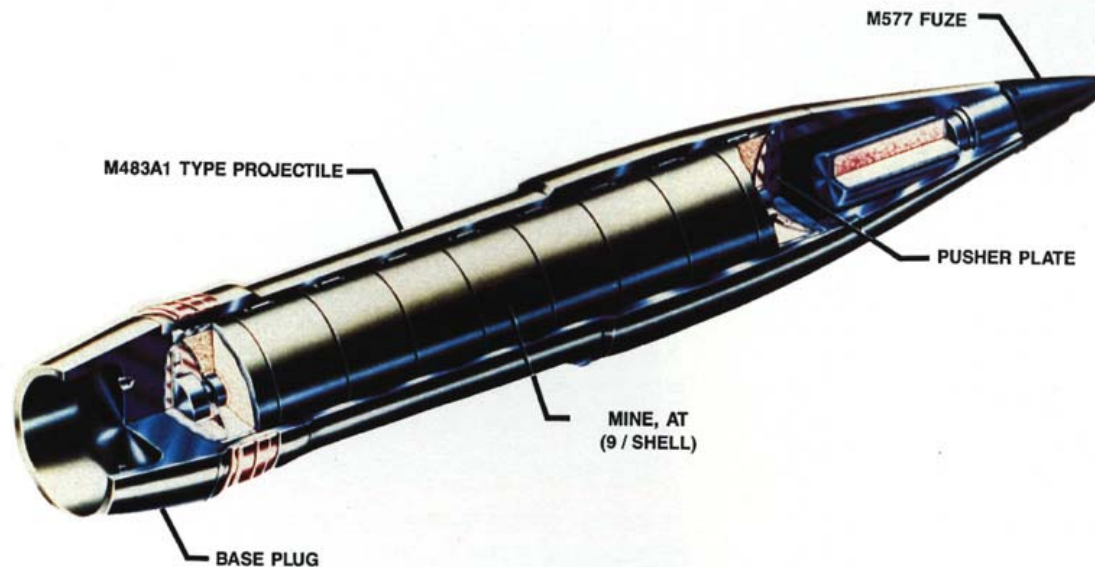
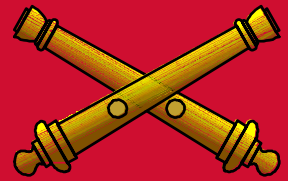
ADAM DEPLOYMENT



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GUNNERY DEPARTMENT

155MM RAAMS, M741A1/M718

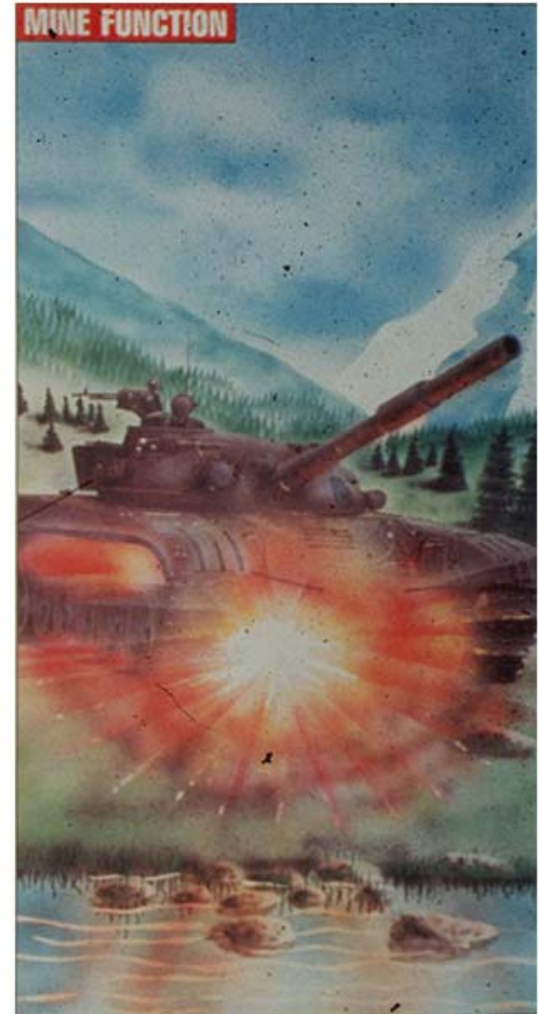
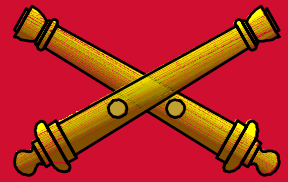


Projectile, HE, 155mm: M718, M718A1/M741, M741A1

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GUNNERY DEPARTMENT

RAAMS DEPLOYMENT

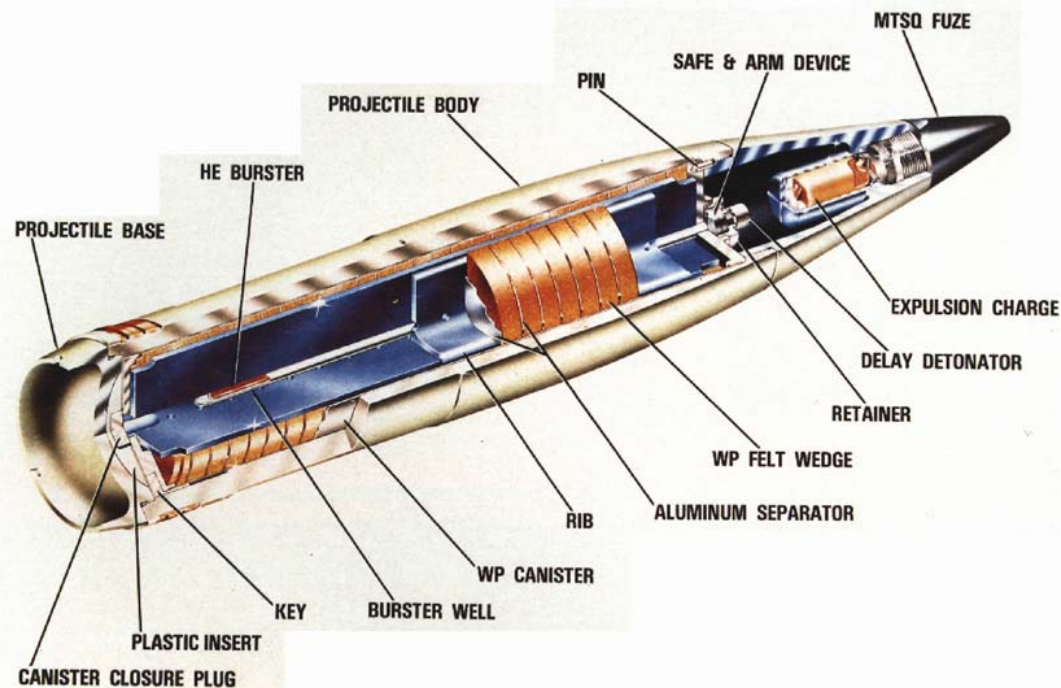
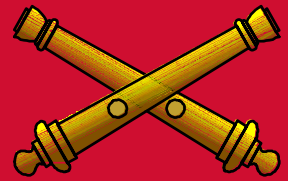


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GUNNERY DEPARTMENT

155MM IMPROVED WP

M825A1

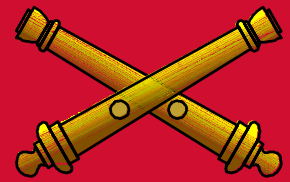


Projectile, Smoke, WP, 155mm: M825A1

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GUNNERY DEPARTMENT

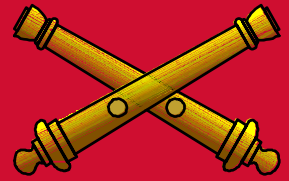
M825 EFFECTS



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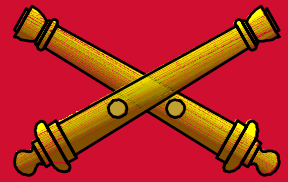
GUNNERY DEPARTMENT

155MM BBDPICM, M864

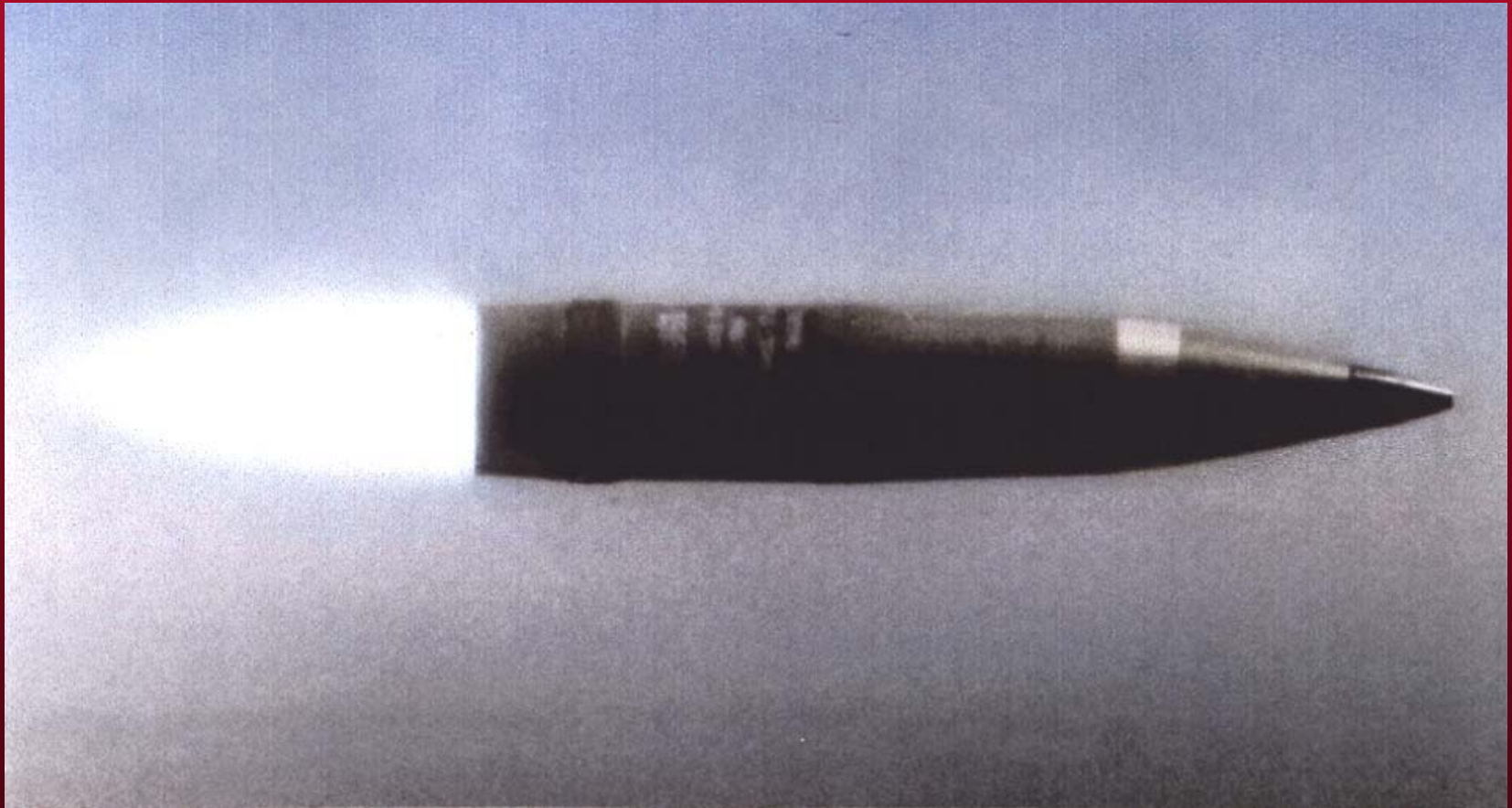


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GUNNERY DEPARTMENT

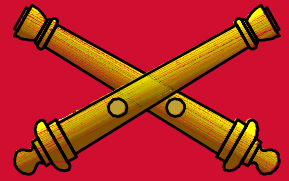


BBDPICM IN FLIGHT



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GUNNERY DEPARTMENT



FUZE

OGIVE

BOURRELET

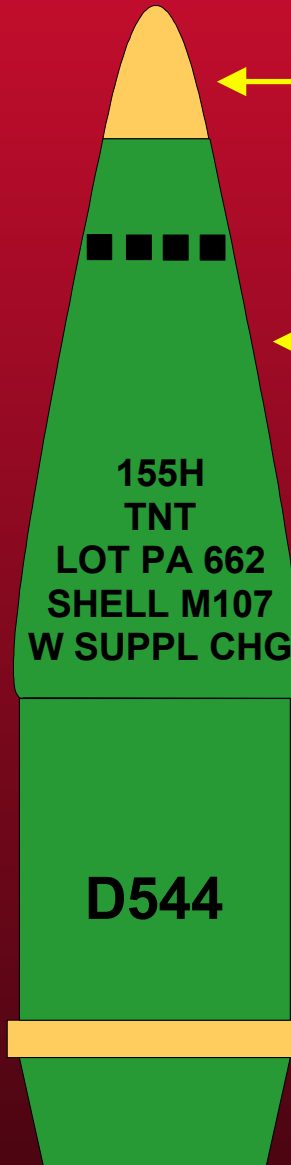
BODY

ROTATING BAND
(OBTURATING BAND)

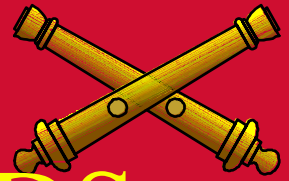
BASE

BASE COVER

*EXTERIOR
PARTS
OF
PROJECTILE*

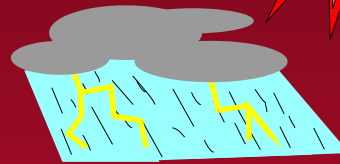


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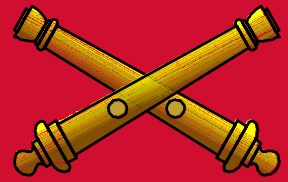
AMMO STORAGE HAZARDS

- IMPROPER HANDLING
- ENEMY FIRE
- WEATHER
- CARELESS SMOKERS



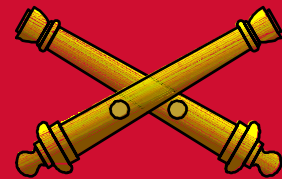
GUNNERY DEPARTMENT

PROPER STORAGE



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GUNNERY DEPARTMENT



BREAK



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